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============================================================
Sequence Listing was accepted.
See attached Validation Report.
If you need help call the Patent Electronic Business Center at (866)
217-9197 (toll free).
Reviewer: Durreshwar Anjum
Timestamp: Mon Sep 17 12:19:06 EDT 2007
============================================================
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Application No: 10517079   Version No: 1.0

Input Set:

Output Set:

Started:	2007-09-07 12:15:41.146
Finished:	2007-09-07 12:19:50.484
Elapsed:	0 hr(s) 4 min(s) 9 sec(s) 338 ms
Total Warnings:	31967
Total Errors:	79
No. of SeqIDs Defined:	31933
Actual SeqID Count:	31933

Error code	Error Description
W 213	Artificial or Unknown found in <213> in SEQ ID (1)
W 402	Undefined organism found in <213> in SEQ ID (2)
W 402	Undefined organism found in <213> in SEQ ID (3)
W 213	Artificial or Unknown found in <213> in SEQ ID (4)
W 213	Artificial or Unknown found in <213> in SEQ ID (5)
W 213	Artificial or Unknown found in <213> in SEQ ID (6)
W 213	Artificial or Unknown found in <213> in SEQ ID (7)
W 213	Artificial or Unknown found in <213> in SEQ ID (8)
W 213	Artificial or Unknown found in <213> in SEQ ID (9)
W 213	Artificial or Unknown found in <213> in SEQ ID (10)
W 213	Artificial or Unknown found in <213> in SEQ ID (11)
W 213	Artificial or Unknown found in <213> in SEQ ID (12)
W 213	Artificial or Unknown found in <213> in SEQ ID (13)
W 213	Artificial or Unknown found in <213> in SEQ ID (14)
W 213	Artificial or Unknown found in <213> in SEQ ID (15)
W 213	Artificial or Unknown found in <213> in SEQ ID (16)
W 213	Artificial or Unknown found in <213> in SEQ ID (17)
W 213	Artificial or Unknown found in <213> in SEQ ID (18)
W 213	Artificial or Unknown found in <213> in SEQ ID (19)
W 213	Artificial or Unknown found in <213> in SEQ ID (20)

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                    Input Set:


                    Output Set:



             Started:   2007-09-07 12:15:41.146
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      Total Warnings:   31967
        Total Errors:   79
 No. of SeqIDs Defined:   31933
    Actual SeqID Count:   31933
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Error code   Error Description

W   213   Artificial or Unknown found in <213> in SEQ ID (21)

W   213   Artificial or Unknown found in <213> in SEQ ID (22)
              This error has occured more than 20 times, will not be displayed

W   251   Found intentionally skipped sequence in SEQID (150)

W   401   Unrecognized range formatin <222> in SEQID (151)

W   401   Unrecognized range formatin <222> in SEQID (152)

W   401   Unrecognized range formatin <222> in SEQID (153)

W   401   Unrecognized range formatin <222> in SEQID (154)

W   401   Unrecognized range formatin <222> in SEQID (155)

W   401   Unrecognized range formatin <222> in SEQID (156)

W   401   Unrecognized range formatin <222> in SEQID (157)

W   401   Unrecognized range formatin <222> in SEQID (158)

W   401   Unrecognized range formatin <222> in SEQID (159)

W   401   Unrecognized range formatin <222> in SEQID (160)

W   401   Unrecognized range formatin <222> in SEQID (161)

W   401   Unrecognized range formatin <222> in SEQID (162)

W   401   Unrecognized range formatin <222> in SEQID (163)

W   401   Unrecognized range formatin <222> in SEQID (164)

W   401   Unrecognized range formatin <222> in SEQID (165)

W   401   Unrecognized range formatin <222> in SEQID (166)

W   401   Unrecognized range formatin <222> in SEQID (167)

W   401   Unrecognized range formatin <222> in SEQID (168)

W   401   Unrecognized range formatin <222> in SEQID (169)

Input Set:

Output Set:

Started:	2007-09-07 12:15:41.146
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Total Warnings:	31967
Total Errors:	79
No. of SeqIDs Defined:	31933
Actual SeqID Count:	31933

Error code	Error Description
W 401	Unrecognized range formatin <222> in SEQID (170) This error has occured more than 20 times, will not be displayed
E 355	Empty lines found between the amino acid numbering and the
E 321	No. of Bases conflict, this line has no nucleotides SEQID (6690)
W 333	tabs used in amino acid numbering SEQID (11655)
W 251	Found intentionally skipped sequence in SEQID (31840)
W 251	Found intentionally skipped sequence in SEQID (31865)
E 257	Invalid sequence data feature in <221> in SEQ ID (31871)
E 224	<220>,<223> section required as <213> has Artificial sequence or Unknown in SEQID (31871)
E 257	Invalid sequence data feature in <221> in SEQ ID (31872)
E 341	'Xaa' position not defined SEQID (31872) POS (2)
E 257	Invalid sequence data feature in <221> in SEQ ID (31873)
E 257	Invalid sequence data feature in <221> in SEQ ID (31874)
E 224	<220>,<223> section required as <213> has Artificial sequence or Unknown in SEQID (31874)
E 341	'Xaa' position not defined SEQID (31874) POS (3)
E 257	Invalid sequence data feature in <221> in SEQ ID (31878)
E 341	'Xaa' position not defined SEQID (31878) POS (4)
E 257	Invalid sequence data feature in <221> in SEQ ID (31879)
E 341	'Xaa' position not defined SEQID (31879) POS (8)
E 257	Invalid sequence data feature in <221> in SEQ ID (31880)
E 341	'Xaa' position not defined SEQID (31880) POS (4)
E 257	Invalid sequence data feature in <221> in SEQ ID (31883)

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              Input Set:


              Output Set:



              Started:   2007-09-07 12:15:41.146
             Finished:   2007-09-07 12:19:50.484
              Elapsed:   0 hr(s) 4 min(s) 9 sec(s) 338 ms
       Total Warnings:   31967
         Total Errors:   79
 No. of SeqIDs Defined:  31933
   Actual SeqID Count:   31933
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Error code	Error Description
E 341	'Xaa' position not defined SEQID (31883) POS (2)
E 341	'Xaa' position not defined SEQID (31883) POS (6)
E 341	'Xaa' position not defined SEQID (31883) POS (7)
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E 341	'Xaa' position not defined SEQID (31884) POS (2)
E 257	Invalid sequence data feature in <221> in SEQ ID (31885)
E 341	'Xaa' position not defined SEQID (31885) POS (5)
E 224	<220>,<223> section required as <213> has Artificial sequence or Unknown in SEQID (31889)
E 257	Invalid sequence data feature in <221> in SEQ ID (31894)
E 224	<220>,<223> section required as <213> has Artificial sequence or Unknown in SEQID (31894)
E 341	'Xaa' position not defined SEQID (31894) POS (1)
E 341	'Xaa' position not defined SEQID (31894) POS (2)
E 341	'Xaa' position not defined SEQID (31894) POS (4)
E 341	'Xaa' position not defined SEQID (31894) POS (5)
E 341	'Xaa' position not defined SEQID (31894) POS (6)
E 257	Invalid sequence data feature in <221> in SEQ ID (31895)
E 224	<220>,<223> section required as <213> has Artificial sequence or Unknown in SEQID (31895)
E 341	'Xaa' position not defined SEQID (31895) POS (1)
E 341	'Xaa' position not defined SEQID (31895) POS (2)
E 341	'Xaa' position not defined SEQID (31895) POS (3)
E 341	'Xaa' position not defined SEQID (31895) POS (5)

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            Input Set:


            Output Set:



              Started:   2007-09-07 12:15:41.146
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  No. of SeqIDs Defined:   31933
    Actual SeqID Count:   31933
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Error code	Error Description
E 341	'Xaa' position not defined SEQID (31895) POS (8) This error has occured more than 20 times, will not be displayed
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E 224	<220>,<223> section required as <213> has Artificial sequence or Unknown in SEQID (31896)
E 257	Invalid sequence data feature in <221> in SEQ ID (31897)
E 224	<220>,<223> section required as <213> has Artificial sequence or Unknown in SEQID (31897)
W 251	Found intentionally skipped sequence in SEQID (31898)
E 224	<220>,<223> section required as <213> has Artificial sequence or Unknown in SEQID (31899)
E 224	<220>,<223> section required as <213> has Artificial sequence or Unknown in SEQID (31909)
E 224	<220>,<223> section required as <213> has Artificial sequence or Unknown in SEQID (31910)
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E 224	<220>,<223> section required as <213> has Artificial sequence or Unknown in SEQID (31912)
E 224	<220>,<223> section required as <213> has Artificial sequence or Unknown in SEQID (31913)
E 224	<220>,<223> section required as <213> has Artificial sequence or Unknown in SEQID (31914)
E 224	<220>,<223> section required as <213> has Artificial sequence or Unknown in SEQID (31915)
E 224	<220>,<223> section required as <213> has Artificial sequence or Unknown in SEQID (31916)
E 224	<220>,<223> section required as <213> has Artificial sequence or Unknown in SEQID (31917)

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          Input Set:


         Output Set:



            Started:  2007-09-07 12:15:41.146
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            Elapsed:  0 hr(s) 4 min(s) 9 sec(s) 338 ms
     Total Warnings:  31967
       Total Errors:  79
 No. of SeqIDs Defined:  31933
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Error code	Error Description
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E 224	<220>,<223> section required as <213> has Artificial sequence or Unknown in SEQID (31919)
E 224	<220>,<223> section required as <213> has Artificial sequence or Unknown in SEQID (31920) This error has occured more than 20 times, will not be displayed

<210> 1
<211> 21
<212> PRT
<213> Artificial Sequence

<220>
<223> peptide

<400> 1
Lys Val Ala Phe Arg Trp Ser Gln Phe Ala Val Arg Lys Ile His Ile
 1   5   10   15
Leu Leu Ile Arg Lys
            20

<210> 2
<211> 21
<212> PRT
<213> human

<220>
<221> TRANSMEM
<220>
<222> (211)...(227)
<223> 5H1A receptor

<400> 2
Val Ala Phe Arg Trp Ser Gln Phe Ala Val Arg Lys Ile His Ile Leu
 1   5   10   15
Leu Ile Arg Lys Ala

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<210> 3
<211> 21
<212> PRT
<213> Rat

<220>
<223> 5H1A receptor

<400> 3
Ala Phe Arg Trp Ser Gln Phe Ala Val Arg Lys Ile His Ile Leu Leu
 1               5                   10                  15
Ile Arg Lys Ala Asn
            20


<210> 4
<211> 21
<212> PRT
<213> Artificial Sequence

<220>
<223> peptide

<400> 4
Arg Trp Ser Gln Phe Ala Val Arg Lys Ile His Ile Leu Leu Ile Arg
 1               5                   10                  15
Lys Ala Asn Thr Ser
            20


<210> 5
<211> 21
<212> PRT
<213> Artificial Sequence

<220>
<223> peptide

<400> 5
Leu Tyr Ser Phe Leu His Leu Phe Leu Phe Arg Lys Gln Val Ser Gln
 1               5                   10                  15
Leu Asn Ile Arg Lys
            20


<210> 6
<211> 21
<212> PRT
<213> Artificial Sequence

<220>
<223> peptide

<400> 6
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Tyr Ser Phe Leu His Leu Phe Leu Phe Arg Lys Gln Val Ser Gln Leu
 1               5                   10                  15
Asn Ile Arg Lys His
            20


<210> 7
<211> 21
<212> PRT
<213> Artificial Sequence

<220>
<223> peptide

<400> 7
Phe Leu His Leu Phe Leu Phe Arg Lys Gln Val Ser Gln Leu Asn Ile
 1               5                   10                  15
Arg Lys His Tyr Ile
            20


<210> 8
<211> 21
<212> PRT
<213> Artificial Sequence

<220>
<223> peptide

<400> 8
Leu His Leu Phe Leu Phe Arg Lys Gln Val Ser Gln Leu Asn Ile Arg
 1               5                   10                  15
Lys His Tyr Ile Ala
            20


<210> 9
<211> 21
<212> PRT
<213> Artificial Sequence

<220>
<223> peptide

<400> 9
His Leu Phe Leu Phe Arg Lys Gln Val Ser Gln Leu Asn Ile Arg Lys
 1               5                   10                  15
His Tyr Ile Ala Gly
            20


<210> 10
<211> 21
<212> PRT
<213> Artificial Sequence

<220>
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<223> peptide

<400> 10
Gln Lys Asn Phe Leu Trp His Asn Phe His Leu Leu Ile Ala Lys Lys
1   5   10   15
Cys Met Lys Asn Cys
            20

<210> 11
<211> 21
<212> PRT
<213> Artificial Sequence

<220>
<223> peptide

<400> 11
Leu Thr Gln Met Gln Tyr Ile Phe Ile Thr Ser Arg Trp Tyr Phe Arg
1   5   10   15
Ala Tyr Asn Leu Lys
            20

<210> 12
<211> 21
<212> PRT
<213> Artificial Sequence

<220>
<223> peptide

<400> 12
Thr Gln Met Gln Tyr Ile Phe Ile Thr Ser Arg Trp Tyr Phe Arg Ala
1   5   10   15
Tyr Asn Leu Lys Arg
            20

<210> 13
<211> 21
<212> PRT
<213> Artificial Sequence

<220>
<223> peptide

<400> 13
Gln Tyr Ile Phe Ile Thr Ser Arg Trp Tyr Phe Arg Ala Tyr Asn Leu
1   5   10   15
Lys Arg Asn Met Val
            20

<210> 14
<211> 21
<212> PRT

<213> Artificial Sequence

<220>
<223> peptide

<400> 14
Tyr Ile Phe Ile Thr Ser Arg Trp Tyr Phe Arg Ala Tyr Asn Leu Lys
 1   5   10   15
Arg Asn Met Val Lys
            20

<210> 15
<211> 21
<212> PRT
<213> Artificial Sequence

<220>
<223> peptide

<400> 15
Ile Phe Ile Thr Ser Arg Trp Tyr Phe Arg Ala Tyr Asn Leu Lys Arg
 1   5   10   15
Asn Met Val Lys Asn
            20

<210> 16
<211> 21
<212> PRT
<213> Artificial Sequence

<220>
<223> peptide

<400> 16
Glu Ala Ile Cys Leu Val Ala Val Gly Gln Tyr Phe His Ile Arg Ala
 1   5   10   15
Lys Ser Thr Met Lys
            20

<210> 17
<211> 21
<212> PRT
<213> Artificial Sequence

<220>
<223> peptide

<400> 17
Ala Ile Cys Leu Val Ala Val Gly Gln Tyr Phe His Ile Arg Ala Lys
 1   5   10   15
Ser Thr Met Lys Arg
            20

<210> 18
<211> 21
<212> PRT
<213> Artificial Sequence

<220>
<223> peptide

<400> 18
Glu Ala Arg Phe Leu Tyr Trp Trp Glu Asn Ile Leu Gln Lys Gln Phe
 1   5   10   15
Tyr Lys Lys Leu Phe
            20

<210> 19
<211> 21
<212> PRT
<213> Artificial Sequence

<220>
<223> peptide

<400> 19
Ala Arg Phe Leu Tyr Trp Trp Glu Asn Ile Leu Gln Lys Gln Phe Tyr
 1   5   10   15
Lys Lys Leu Phe Arg
            20

<210> 20
<211> 21
<212> PRT
<213> Artificial Sequence

<220>
<223> peptide

<400> 20
Leu Tyr Trp Trp Glu Asn Ile Leu Gln Lys Gln Phe Tyr Lys Lys Leu
 1   5   10   15
Phe Arg Asn Trp Val
            20

<210> 21
<211> 21
<212> PRT
<213> Artificial Sequence

<220>
<223> peptide

<400> 21
Lys Lys Leu Phe Arg Asn Trp Val Arg Trp Ser Trp Ile Met Gly Tyr
 1   5   10   15
Cys Cys Arg Ala Arg

<210> 22
<211> 21
<212> PRT
<213> Artificial Sequence

<220>
<223> peptide

<400> 22
Lys Leu Phe Arg Asn Trp Val Arg Trp Ser Trp Ile Met Gly Tyr Cys
 1   5   10   15
Cys Arg Ala Arg Ser
            20

<210> 23
<211> 21
<212> PRT
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<220>
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<400> 23
Leu Phe Arg Asn Trp Val Arg Trp Ser Trp Ile Met Gly Tyr Cys Cys
 1   5   10   15
Arg Ala Arg Ser Arg
            20

<210> 24
<211> 21
<212> PRT
<213> Artificial Sequence

<220>
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<400> 24
Arg Asn Trp Val Arg Trp Ser Trp Ile Met Gly Tyr Cys Cys Arg Ala
 1   5   10   15
Arg Ser Arg Asn Gly
            20

<210> 25
<211> 21
<212> PRT
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<220>
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<400> 25

Asn Trp Val Arg Trp Ser Trp Ile Met Gly Tyr Cys Cys Arg Ala Arg
 1   5   10   15
Ser Arg Asn Gly Phe
             20

<210> 26
<211> 21
<212> PRT
<213> Artificial Sequence

<220>
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<400> 26
Trp Val Arg Trp Ser Trp Ile Met Gly Tyr Cys Cys Arg Ala Arg Ser
 1   5   10   15
Arg Asn Gly Phe Val
             20

<210> 27
<211> 21
<212> PRT
<213> Artificial Sequence

<220>
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<400> 27
Ser Trp Ile Met Gly Tyr Cys Cys Arg Ala Arg Ser Arg Asn Gly Phe
 1   5   10   15
Val Ile Ile Thr Arg
             20

<210> 28
<211> 21
<212> PRT
<213> Artificial Sequence

<220>
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<400> 28
Trp Leu Tyr Gly Phe Lys Trp Asn Ala Phe Met Lys Met Arg Val Tyr
 1   5   10   15
Cys Val Thr Asn Asn
             20

<210> 29
<211> 21
<212> PRT
<213> Artificial Sequence

<220>

<400> 29
Glu Thr Gln Ile Trp Lys Trp Leu Tyr Ala Thr Val Ile Gln Thr Ala
1   5   10   15
Lys Arg Lys Met Thr
            20

<210> 30
<211> 21
<212> PRT
<213> Artificial Sequence

<220>
<223> peptide

<400> 30
Thr Gln Ile Trp Lys Trp Leu Tyr Ala Thr Val Ile Gln Thr Ala Lys
1   5   10   15
Arg Lys Met Thr Arg
            20

<210> 31
<211> 21
<212> PRT
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<220>
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<400> 31
Gln Ile Trp Lys Trp Leu Tyr Ala Thr Val Ile Gln Thr Ala Lys Arg
1   5   10   15
Lys Met Thr Arg Ala
            20

<210> 32
<211> 21
<212> PRT
<213> Artificial Sequence

<220>
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<400> 32
Lys Trp Leu Tyr Ala Thr Val Ile Gln Thr Ala Lys Arg Lys Met Thr
1   5   10   15
Arg Ala Phe Thr Val
            20

<210> 33
<211> 21
<212> PRT

<220>
<223> peptide

<400> 33
Asp Leu Glu Tyr Ile Trp Ile Ile Ile Asn Lys Arg Trp Ser Trp Leu
 1   5   10   15
Lys Ile Met Asn Lys
            20

<210> 34
<211> 21
<212> PRT
<213> Artificial Sequence

<220>
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<400> 34
Leu Glu Tyr Ile Trp Ile Ile Ile Asn Lys Arg Trp Ser Trp Leu Lys
 1   5   10   15
Ile Met Asn Lys Lys
            20

<210> 35
<211> 21
<212> PRT
<213> Artificial Sequence

<220>
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<400> 35
Tyr Ile Trp Ile Ile Ile Asn Lys Arg Trp Ser Trp Leu Lys Ile Met
 1   5   10   15
Asn Lys Lys Leu Ser
            20

<210> 36
<211> 21
<212> PRT
<213> Artificial Sequence

<220>
<223> peptide

<400> 36
Ile Trp Ile Ile Ile Asn Lys Arg Trp Ser Trp Leu Lys Ile Met Asn
 1   5   10   15
Lys Lys Leu Ser Gln
            20

<210> 37
<211> 21
<212> PRT
<213> Artificial Sequence

<220>
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<400> 37
Val Leu Gln Leu Asn Val His Cys Phe Tyr Trp Gln Lys Asn Trp Lys
1   5   10   15
Ile Met Ala Arg His
            20

<210> 38
<211> 21
<212> PRT
<213> Artificial Sequence

<220>
<223> peptide

<400> 38
Leu Gln Leu Asn Val His Cys Phe Tyr Trp Gln Lys Asn Trp Lys Ile
1   5   10   15
Met Ala Arg His Arg
            20

<210> 39
<211> 21
<212> PRT
<213> Artificial Sequence

<220>
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<400> 39
Ala Val Trp Lys Gln Tyr Phe Val Cys Cys Tyr Phe Tyr Lys Lys Lys
1   5   10   15
Asn Gln Trp Trp Cys
            20

<210> 40
<211> 21
<212> PRT
<213> Artificial Sequence

<220>
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<400> 40
Lys Gln Tyr Phe Val Cys Cys Tyr Phe Tyr Lys Lys Lys Asn Gln Trp
1   5   10   15
Trp Cys Asn Leu Leu

<210> 41
<211> 21
<212> PRT
<213> Artificial Sequence

<220>
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<400> 41
Tyr Phe Val Cys Cys Tyr Phe Tyr Lys Lys Lys Asn Gln Trp Trp Cys
 1   5   10   15
Asn Leu Leu Arg Phe
            20

<210> 42
<211> 21
<212> PRT
<213> Artificial Sequence

<220>
<223> peptide

<400> 42
Gly Tyr Gln Ile Gln Phe Ala Lys Ile Lys Met Phe Gln Phe Phe Trp
 1   5   10   15
Lys Asn Phe Gly Ala
            20

<210> 43
<211> 21
<212> PRT
<213> Artificial Sequence

<220>
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<400> 43
Gln Ile Gln Phe Ala Lys Ile Lys Met Phe Gln Phe Phe Trp Lys Asn
 1   5   10   15
Phe Gly Ala Lys Arg
            20

<210> 44
<211> 21
<212> PRT
<213> Artificial Sequence

<220>
<223> peptide

<400> 44

Lys Ile Lys Met Phe Gln Phe Phe Trp Lys Asn Phe Gly Ala Lys Arg
 1   5   10   15
Trp Ile Glu Phe Arg
            20

<210> 45
<211> 21
<212> PRT
<213> Artificial Sequence

<220>
<223> peptide

<400> 45
Ile Asn Arg Tyr Ile Trp Arg Ile Trp Ile Met Thr Tyr Lys Gln Ile
 1   5   10   15
Thr Cys Phe Ser Gln
            20

<210> 46
<211> 21
<212> PRT
<213> Artificial Sequence

<220>
<223> peptide

<400> 46
Ile Trp Arg Ile Trp Ile Met Thr Tyr Lys Gln Ile Thr Cys Phe Ser
 1   5   10   15
Gln Lys Ser Ser Cys
            20

<210> 47
<211> 21
<212> PRT
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<400> 47
Trp Arg Ile Trp Ile Met Thr Tyr Lys Gln Ile Thr Cys Phe Ser Gln
 1   5   10   15
Lys Ser Ser Cys Lys
            20

<210> 48
<211> 21
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<213> Artificial Sequence

<220>

<223> peptide

<400> 48
Asp Ile Gln Trp Ile Asn Trp Ile Lys Leu Ala Arg Lys Gly His Ala
1   5   10   15
Tyr Asn Leu Ser Ser
            20

<210> 49
<211> 21
<212> PRT
<213> Artificial Sequence

<220>
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<400> 49
Gln Lys Asn Phe Leu Trp His Asn Phe His Leu Leu Ile Ala Lys Lys
1   5   10   15
Cys Met Lys Asn Cys
            20

<210> 50
<211> 21
<212> PRT
<213> Artificial Sequence

<220>
<223> peptide

<400> 50
Leu Thr Gln Met Gln Tyr Ile Phe Ile Thr Ser Arg Trp Tyr Phe Arg
1   5   10   15
Ala Tyr Asn Leu Lys
            20

<210> 51
<211> 21
<212> PRT
<213> Artificial Sequence

<220>
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<400> 51
Thr Gln Met Gln Tyr Ile Phe Ile Thr Ser Arg Trp Tyr Phe Arg Ala
1   5   10   15
Tyr Asn Leu Lys Arg
            20

<210> 52
<211> 21
<212> PRT

<213> Artificial Sequence

<220>
<223> peptide

<400> 52
Gln Tyr Ile Phe Ile Thr Ser Arg Trp Tyr Phe Arg Ala Tyr Asn Leu
 1   5   10   15
Lys Arg Asn Met Val
            20

<210> 53
<211> 21
<212> PRT
<213> Artificial Sequence

<220>
<223> peptide

<400> 53
Tyr Ile Phe Ile Thr Ser Arg Trp Tyr Phe Arg Ala Tyr Asn Leu Lys
 1   5   10   15
Arg Asn Met Val Lys
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Asn Met Val Lys Asn
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Lys Ser Thr Met Lys
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Tyr Lys Lys Leu Phe
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Lys Lys Leu Phe Arg
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Phe Arg Asn Trp Val

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Cys Cys Arg Ala Arg
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Cys Arg Ala Arg Ser
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Arg Ala Arg Ser Arg
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 1   5   10   15
Arg Ser Arg Asn Gly
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